

Energy Tab –

Background –

Executive Order 13123

Executive Order 13123 was signed on June 3, 1999 and is titled "Greening the Government Through Efficient Energy Management."

This Executive Order states that the Federal Government shall significantly improve its energy management in order to save taxpayer dollars and to reduce emissions that contribute to air pollution and global climate change. The Federal Government should promote energy efficiency, water conservation, decreased petroleum dependency and use of renewable energy products to help foster markets for emerging technologies.

Annual Energy Management Data

This form allows the Agency to comply with the percent reduction goals (SEC 203 and 303) of Executive Order 13123.

Energy Audit Trail

This form allows the Agency to track the facilities that were audited each year in order to comply with SEC 402. Facility Energy Audits shall be conducted for approximately 10% of each agency's facilities each year, either independently, through Energy-Savings Performance Contracts, or utility-energy-efficiency service contracts.

Energy Narrative and Implementation

This is a quick way to answer the various questions that are required by SEC 302 and 303. Annual Energy Reports.

Each agency's annual report to the President shall describe how the agency is using each of the strategies described in Executive Order 13123 - Part 4 to help meet energy and greenhouse gas reduction goals.

Each agency shall develop an annual implementation plan for fulfilling the requirements of this order. Such plans shall be included in the annual reports to the President. Each agency shall measure and report its progress in meeting the goals and requirements of this order on an annual basis.

Life-Cycle Cost Analysis

Agencies shall use life-cycle cost analyses in making decisions about their investments in products, services, construction, and other projects to lower the Federal Government's costs and to reduce energy and water consumption. Where appropriate, agencies shall consider the life-cycle costs of combinations of projects, particularly to encourage the bundling of energy efficiency projects with renewable energy projects. Agencies shall also retire inefficient equipment on an accelerated basis where replacement results in lower life-cycle costs. Agencies that minimize life-cycle costs with efficiency measures will be recognized in their scorecard.

Who can enter, modify or delete Energy related data?


Energy coordinator

The only person who has permission to enter, modify and/or delete data in the Energy tab is one who has the Energy role. Currently only the Area Energy Coordinator has the Energy role.

Energy Tab –

Main Switchboard

Realty Lease MIE FEDS & Env Project Self Gov **Energy** Historical Admin


**Healthcare
Facilities
Data System**
Version 5.1

Contact for Help
Display DB Window
Refresh Links
Exit Access

Forms:

- ☐ Annual Energy Management Data
- ☐ Energy Audit Trail
- ☐ Energy Narrative & Implementation

Reports:

- ☐ Annual Energy Management Data Report
- ☐ Energy Consumption Report
- ☐ Energy Audit Trail Report
- ☐ Energy Use and Baseline Report
- ☐ Energy Narrative & Implementation Reports
- ☐ Energy Narrative & Implementation Reports - IHS
- ☐ ECO's and LCC Analysis (from BEMAR)
- ☐ List of Energy Coordinators

Preview before print? ☒

Forms –

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Annual Energy Management Data –

Energy Consumption (Area Summary)

Search: Area Year

Last Update: abutler 9/6/2000

Area: OK Year: 1985 Energy Coordinator:

PART 1: ENERGY CONSUMPTION AND COST DATA

	Annual Consumption		Cost (Thous \$)	Unit Cost	Site Delivered MMBtu	(Source) MMBtu	Carbon Emmi (Metric Ton)
Electrical	<input type="text"/> 11,957,518 KWH		<input type="text"/> 616,777	\$51.58 /KWH	40,799	138,707	2,046
Fuel Oil	<input type="text"/> 0 Gal (thous)		<input type="text"/> 0	\$0.00 /Gal	0	0	0
Natural Gas	<input type="text"/> 112,230 CuFt (thous)		<input type="text"/> 423	\$3.77 /thous CuFt	115,709	115,709	1,674
LPG\Propane	<input type="text"/> 0 Gal (thous)		<input type="text"/> 0	\$0.00 /Gallon	0	0	0

REPORTED BUILDING SPACE & COST DATA

	1985	Est 1986	Est 1987
Total Utility Cost (thous \$):	<input type="text"/> 617,200	<input type="text"/> 0	<input type="text"/> 0
Total Gross Square Feet:	<input type="text"/> 764,072	<input type="text"/> 0	<input type="text"/> 0

AREA PERFORMANCE

Current Rate	204834 Btu/GSF	Baseline	243450 (1990 rate)	Percent Reduced	16
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WATER CONSUMPTION & COST DATA

	1985	Est 1986	Est 1987
Consumption (millions of gallons):	<input type="text"/> 0	<input type="text"/> 0	<input type="text"/> 0
Cost (thous \$):	<input type="text"/> 0	<input type="text"/> 0	<input type="text"/> 0

AREA DESCRIPTION OF THE DATA GATHERING PROCESS & ENERGY FLUCTUATIONS

Data gathering methods have improved since 1990. However, in the absence of obtainable/verifiable 1990 figures, it was recommended that we use our 1985 data as the 1990 data without any percentage increase from 1985 to 1990.

RENEWABLE GREEN ENERGY PURCHASES

	1985	Est 1986	Est 1987
Electricity Consumption (KWH):	<input type="text"/> 0	<input type="text"/> 0	<input type="text"/> 0
Cost (thous \$):	<input type="text"/> 0	<input type="text"/> 0	<input type="text"/> 0
Natural Gas (landfill/biomass) (thous CuFt):	<input type="text"/> 0	<input type="text"/> 0	<input type="text"/> 0

Record: 1 of 13

On this form, the Area Energy Coordinator can enter data which can then be used to demonstrate compliance with the percent reduction goals (SEC 203 and 303) of Executive Order 13123.

Energy Audit Trail –

Area	State	City Town	Prop	Inst No	Inst Name	Next Energy Audit Yr	Last Energy A
OK	KS	HOLTON	L	03377	Tahlequah Storage		
OK	KS	HOLTON	O	03062	INDIAN HEALTH CENTER		
OK	KS	HOLTON	O	OK38A	HOLTON - OEH OFFICE		
OK	KS	HORTON	O	OK50A	HORTON HEALTH CENTE		
OK	KS	HORTON	O	OK50B	FOUR WINDS HALFWAY		
OK	KS	LAWRENCE	G	11493	PHS Indian School Health	2002	
OK	KS	MAYETTA	O	OK60A	PRAIRIE BAND POTAWA		
OK	KS	WICHITA	O	OK37A	HUNTER HEALTH CLINIC		
OK	MO	KANSAS CITY	O	OK340	MORNING STAR OUTREA		
OK	OK	ADA	L	03307	REGIONAL SUPPLY SER		
OK	OK	ADA	L	03352	CARL ALBERT INDIAN HC		
OK	OK	ADA	L	03356	ADA FAMILY PRACTICE C		
OK	OK	ADA	O	03036	cancelled land lease		
OK	OK	ADA	O	03570	INDIAN HEALTH HOSPITA		

Record: 1 of 112

Close

This form allows the User to input and track, by facility, when the last energy audit was conducted, when the next energy audit should be performed, the team used to perform the last audit, how many copies of the report were sent to Headquarters, and the energy project identification number, if any.

Use of this form will facilitate compliance with SEC 402.

Energy Narrative & Implementation –

Energy Narrative & Implementation

Area Annual Energy Reports:

Search: Area Year

OK 2003 Narrative ryan1 10/31/2003

Area Office Energy Program: Identify the structure of the Area's centralized energy program and how efforts are coordinated, facilitated, and information is disseminated. List special aspects of the program such as energy awareness campaigns, training, or other coordinated efforts to reduce energy and water consumption. If an Energy Team exists, list members of the team and describe the team's responsibilities. This may be the energy coordinator and direct coworkers or a group of facility managers.

test OK

Awards: Describe the Area's use of employee incentive programs to reward exceptional performance in implementing Executive Order 13123.

No incentive program exists at this time.

Performance Evaluations: Describe Area's efforts to include successful implementation of the requirements of Executive Order 13123 concerning the position descriptions and performance evaluations of senior energy officials, members of the OPDIV energy team, heads of field offices, and facility/energy managers.

Needs improvement

Training Education: Describe activities undertaken to ensure that all appropriate personnel receive training for energy management requirements. Describe Area outreach programs that include education, training, and promotion of Energy Star® and other energy efficient products for Federal purchase card users. Highlight specific training courses attended by Area personnel.

Three engineers connected to a DOE teleworkshop on Life-Cycle Costing in March of 2001. In October of 2001, an Area Office engineer attended a Skills Update for Certified Energy Managers where they presented information regarding the latest energy efficient technology. On October 30, 2001, an Area Office engineer attended the mechanical and lighting portions of a live satellite broadcast of ASHRAE Standard 90.1-1999 which is the Energy Standard for Buildings Except Low-Rise Residential. The broadcast was sponsored by DOE, ASHRAE and IES.

Showcase Facilities: Highlight exemplary new or existing facilities that HHS should consider for DOE Federal Energy Saver Showcase Facilities in FY 2000. Describe why the facilities should be considered Showcase Facilities (i.e., discuss the facility design, the improvements made in energy or water efficiency, the use of renewable energy, etc.).

Self Generated Renewable Energy: Identify/estimate energy use (in BBTu) from electricity self-generated from renewable sources (photovoltaics, wind) and renewable energy thermal projects (solar thermal, geothermal).

Record: 1 of 2

This form allows the Area Energy Coordinator to describe the energy-related activities that have taken place within their Area during the past year. It is a uniform way for all Area Offices to describe how they are using each of the strategies described in Executive Order 13123 - Part 4 to help meet energy and greenhouse gas reduction goals.

Use of this form will also facilitate compliance with SEC 302 and 303, Annual Energy Reports.

Reports –

Annual Energy Management Data Report

This report, sorted by Area, gives a one page view of the amount and associated cost of electricity, fuel oil, natural gas, and liquefied petroleum gas consumed during the previous year. It also shows the total number of square feet managed by each Area and the number of metric tons of carbon emissions estimated for each Area.

Energy Consumption Report

This is a detailed report of the energy consumption within the User's Area during all years recorded in the HFDS. It includes such items as total annual consumption and associated cost of electricity, fuel oil, natural gas, and LPG/propane. It also indicates the number of metric tons of carbon emissions, reported building space and cost data, water consumption and cost data, renewable green energy purchases, direct obligations for energy projects, energy savings performance contracts, utility energy services contracts, utility incentives (rebates), and any energy-related training.

Energy Audit Trail Report

This report displays a listing of facilities, when the last energy audit was conducted for that facility, when the next energy audit should be performed, the team used to perform the last audit, how many copies of the report were sent to Headquarters, and the energy project identification number, if any.

This report will facilitate compliance with SEC 402.

Energy Use and Baseline Report

This report gives a complete overview of energy usage for the User's Area. It shows consumption of electricity, fuel oil, natural gas, LPG/Propane and the calculated Btu consumption for each of the energy sources. It also lists the total building space in square feet, the annual consumption rate in Btu per GSF, and the percent reduction (or increase) over the previous year. There is also a field to indicate how the data were collected.

Energy Narrative & Implementation Reports

This report is a detailed narrative of the Area's energy program and includes such elements as management and administration, energy efficiency performance, implementation strategies, and any applicable data tables and inventories.

Energy Narrative & Implementation Reports - IHS

This report is a compilation of all detailed Area narratives.

ECO's and LCC Analysis (from BEMAR)

This report displays an Area-wide listing, sorted by facility, of all energy-related deficiencies in the FEDS.

List of Energy Coordinators

This is the list of Area, ES, and Headquarters energy coordinators for IHS.

Screen shots of the reports were not included as clicking on the button will generate the selected report with no further interaction from the User.